



Repairing RIDGID R84015 X2 Speed Switch

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INTRODUCTION

The speed (1-2) Switch is either stuck or won't change speed of rotation.



TOOLS:

- [T20 Torx Screwdriver](#) (1)

Step 1 — Case Removal



- Locate the 4 screws on the back of the drill holding the back plate on.
- Remove these screws using a Torx T20 screwdriver

Step 2



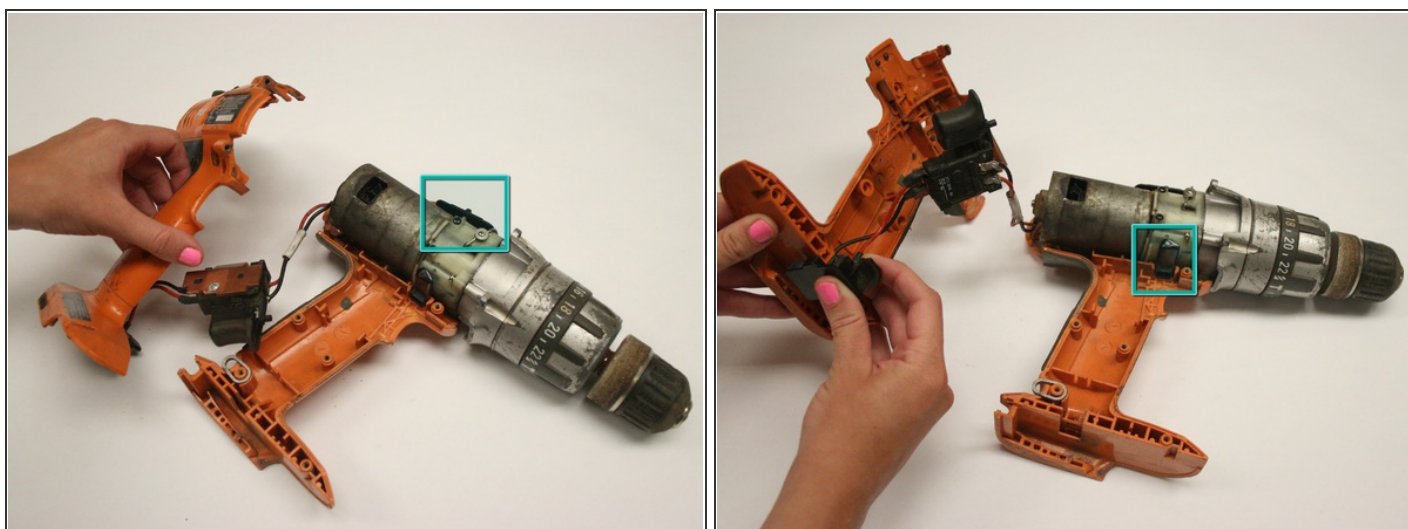
- Locate 5 screws on the side of the drill. Remove screws using same Torx T20.

Step 3



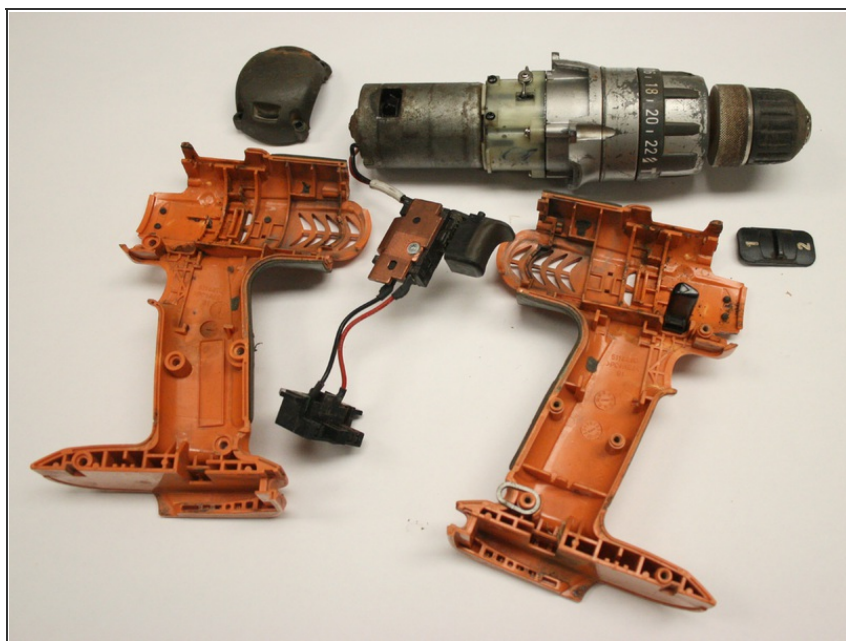
- Locate 4 screws on front of the drill. Remove using same Torx T20.

Step 4



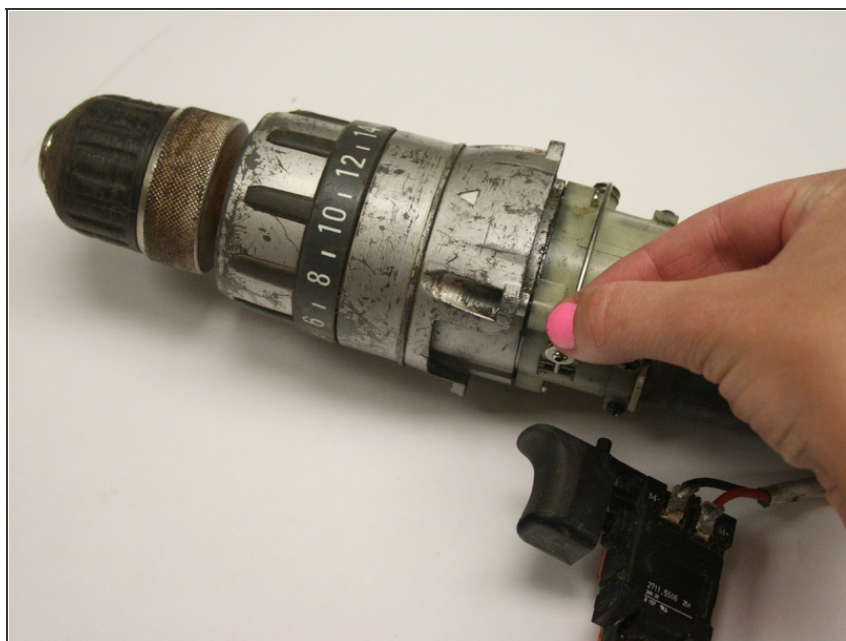
- Now both side casings can be removed as well as speed switch and forward reverse switch.

Step 5



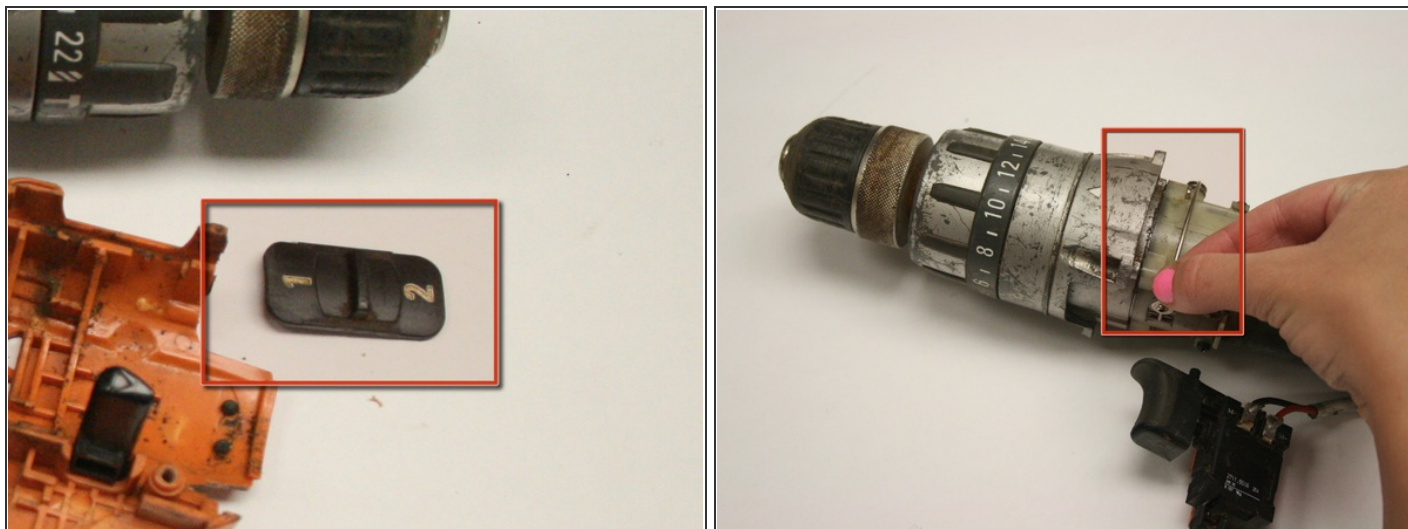
 ****NOTE:** Be aware of orientations of small parts for reassembly.

Step 6 — Speed Switch



- Locate small metal bar above plastic part of drill.
- Attempt to move bar back and forth. If it won't move, try to move it while rotating the chuck. If it still will not move, there is a problem with the gears. For help see the [Planetary Gear Replacement Guide](#)

Step 7



- If the bar moves, next check the small plastic switch that is numbered 1 and 2.
- Make sure the small tabs on the underside of the switch that move the bar are intact.
- Replace switch as needed.

To reassemble your device, follow these instructions in reverse order.

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